

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1 to 39 (Canceled).

40. (Currently Amended) A composition for treating inflammatory components of a hormonally-dependent cancer, comprising a heavily sulfated proteoglycan, one or more flavonoid compounds, an isoflavonoid compound and olive kernel extract.

41. (Previously Presented) The composition of claim 40, further comprising a chemotherapeutic agent.

42. (Currently Amended) The composition of claim 40, wherein said proteoglycan is chondroitin sulfate, said flavonoid compound is quercetin, said isoflavonoid compound is phenoxodiol, and said chemotherapeutic agent is tamoxifen or raloxifene.

43. (Currently Amended) The composition of claim 40, comprising, in mg/day, non-bovine chondroitin sulfate, 50-300 olive kernel extract, 150-600; quercitin phenoxodiol isoflavone, 500-1000; phenoxodiol isoflavone quercetin, 25-250; and genistein, 50-300.

44. (Previously Presented) The composition of claim 42, wherein said chemotherapeutic agent is 10 mg of tamoxifen or raloxifene.

45. (Withdrawn) A method of treating the inflammatory components of a hormonally-dependent cancer, comprising the oral administration of a composition of claim 40.

46. (Withdrawn) A method of treating both the inflammatory components and the growth components of a hormonally-dependent cancer, comprising the administration of the composition of claim 42.

47. (Withdrawn) A method of treating the inflammatory components of a hormonally-dependent cancer, comprising the oral administration of a composition of claim 43.

48. (Withdrawn) A method of treating both the inflammatory components and the growth components of a hormonally-dependent cancer, comprising the administration of the composition of claim 44.

49. (Currently Amended) The composition of claim 40, wherein said cancers are selected from the group consisting of breast cancer, ovarian cancer, pancreatic cancer, testicular cancer, prostate cancer, pituitary cancer, endometrial cancer, and melanoma.

50. (New) The composition of claim 40, comprising therapeutically effective amounts of chondroitin sulfate, olive kernel extract, phenoxydiol isoflavone, quercetin, and genistein.

51. (New) The composition of claim 50, wherein the chondroitin sulfate is non-bovine chondroitin sulfate.

52. (New) The composition of claim 51, further comprising a therapeutically effective amount of tamoxifen or raloxifene.